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Reviewer Comments:
<210> 6
<211> 11
<212> PRT
<213> Unknown

<220>
<223> motif 1, found in cyclin A proteins
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<221> misc_feature
<222> 3
<223> Xaa at position 3 may be Val or Ile

<220>
<221> misc_feature
<223> Xaa at position 6 may be Ser or Ala

<220>
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<222> 7
<223> Xaa at position 7 may be Asp or Glu

<220>
<221> misc_feature
<222> 8
<223> Xaa at position 8 may be Asp or Glu

<220>
<221> misc_feature

<222> 10
<223> Xaa at positon 10 may be Lys, Arg or Thr

<400> 6

Trp Leu Xaa Glu Val Xaa Xaa Xaa Tyr Xaa Leu
1   5   10

A mandatory feature is required to cover every “Xaa” used in a sequence. SEQ ID # 6 does not have a feature to cover the “Xaa” at positions 9. Please make all necessary changes.

<210> 13
<211> 15
<212> PRT
<213> Medicago

<220>

<400> 13

Trp Leu Val Glu Val Ser Glu Gly Tyr Lys Leu Gln Ala Asn Thr

“The enumeration of amino acids shall start at the first amino acid as number 1. It shall be marked below the sequence every 5 amino acids.” SEQ ID# 13 and 25 is missing amino acid numbers. Please renumber SEQ ID# 13 and 25 to show the correct numbering. This error appears in many other sequences in this sequence listing. Please make all necessary changes.

****

Validated By CRFValidator v 1.0.3

Application No: 10584024 Version No: 3.0

Input Set:

Output Set:

Started: 2011-03-14 12:54:29.950
Finished: 2011-03-14 12:54:31.031
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 81 ms
Total Warnings: 6
Total Errors: 1
No. of SeqIDs Defined: 31
Actual SeqID Count: 31

Error code		Error Description
W	213	Artificial or Unknown found in <213> in SEQ ID (4)
W	213	Artificial or Unknown found in <213> in SEQ ID (5)
W	213	Artificial or Unknown found in <213> in SEQ ID (6)
E	341	'Xaa' position not defined SEQID (6) POS (6)
W	213	Artificial or Unknown found in <213> in SEQ ID (7)
W	402	Undefined organism found in <213> in SEQ ID (13)
W	402	Undefined organism found in <213> in SEQ ID (25)

SEQUENCE LISTING

<110> CropDesign N.V.

<120> Plants having increased yield and method for making the same

<130> CD-106-PCT

<140> 10584024
<141> 2011-03-14

<150> US 60/532,287
<151> 2003-12-22

<160> 31

<170> PatentIn version 3.3

<210> 1
<211> 1311
<212> DNA
<213> Arabidopsis thaliana

<220>
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<223> A variant of the coding sequence of the sequence deposited under accession number NM_121168 contains a G instead of C on position 851 and a T instead of C on position 1295

<400> 1
atgtattgct cttcttcgat gcatccaaat gcaaacaaag aaaatatctc tacttcagat 60

gtacaggaga gttttgtacg aataacgaga tcacgagcta aaaaagccat gggaagagga 120

gtatcaatac ctccaacaaa accttctttt aaacagcaaa agagacgtgc agtacttaag 180

gatgtgagta atacctctgc agatattatt tattcagaac ttcgaaaggg aggcaacatc 240

aaggcaaaca gaaaatgtct aaaagagcct aaaaaagcag caaaggaagg tgctaacagt 300

gccatggata ttctggtaga tatgcataca gaaaaatcaa aattagcaga agatttgtcc 360

aagatcagga tggctgaagc ccaagatgtc tctctttcaa actttaaaga tgaagaaatt 420

actgagcaac aagaagatgg atcaggtgtc atggagttac ttcaagttgt agatattgat 480

tccaacgtcg aagatccaca gtgttgcagc ttgtatgctg ctgatatata tgacaacata 540

catgttgcag agcttcaaca acgacccttg gctaattata tggagcttgt gcagcgagat 600

atcgacccag acatgagaaa gattctgatt gactggcttg tagaagtttc tgacgactac 660

aagctggttc cagatacgct ttaccttaca gtgaatctta tcgaccggtt tctgtccaac 720

agttacattg aaaggcaaag actccagctc cttggtgtct cttgcatgct tatagcttca 780

aaatatgaag agctttccgc accaggggtg gaggagtttt gcttcattac ggccaacaca 840

tacacaagac cagaagtgct gagcatggag attcaaattc taaattttgt gcactttaga 900

ttatcggttc ctaccaccaa aacatttctg aggcggttca ttaaagcagc tcaagcttcg 960

tacaaggtgc ctttcattga actggagtat ttagcaaact atctcgccga attgacactg 1020

gtggaatata gtttcctaag gttcctgcca tcactaattg ctgcttcagc tgttttccta 1080

gcccgatgga cactcgacca aactgaccat ccttggaacc ctactctgca acactacacc 1140

agatatgagg tagctgagct gaagaacaca gttctcgcca tggaggactt gcagctcaac 1200

accagtggct gtactctcgc tgccacccgt gagaaataca accaaccaaa gtttaagagc 1260

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<210> 2
<211> 436
<212> PRT
<213> Arabidopsis thaliana

<220>
<221> MISC_FEATURE
<223> A variant of the sequence deposited under accession number NP_568248 contains an arginine instead of a proline on position 284 and a phenylalanine instead of a serine on position 432

<400> 2

Met Tyr Cys Ser Ser Ser Met His Pro Asn Ala Asn Lys Glu Asn Ile
1 5 10 15

Ser Thr Ser Asp Val Gln Glu Ser Phe Val Arg Ile Thr Arg Ser Arg
20 25 30

Ala Lys Lys Ala Met Gly Arg Gly Val Ser Ile Pro Pro Thr Lys Pro
35 40 45

Ser Phe Lys Gln Gln Lys Arg Arg Ala Val Leu Lys Asp Val Ser Asn
50 55 60

Thr Ser Ala Asp Ile Ile Tyr Ser Glu Leu Arg Lys Gly Gly Asn Ile
65 70 75 80

Lys Ala Asn Arg Lys Cys Leu Lys Glu Pro Lys Lys Ala Ala Lys Glu
85 90 95

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Gly Ala Asn Ser Ala Met Asp Ile Leu Val Asp Met His Thr Glu Lys
            100                 105                 110

Ser Lys Leu Ala Glu Asp Leu Ser Lys Ile Arg Met Ala Glu Ala Gln
        115                 120                 125

Asp Val Ser Leu Ser Asn Phe Lys Asp Glu Glu Ile Thr Glu Gln Gln
    130                 135                 140

Glu Asp Gly Ser Gly Val Met Glu Leu Leu Gln Val Val Asp Ile Asp
145                 150                 155                 160

Ser Asn Val Glu Asp Pro Gln Cys Cys Ser Leu Tyr Ala Ala Asp Ile
                165                 170                 175

Tyr Asp Asn Ile His Val Ala Glu Leu Gln Gln Arg Pro Leu Ala Asn
            180                 185                 190

Tyr Met Glu Leu Val Gln Arg Asp Ile Asp Pro Asp Met Arg Lys Ile
        195                 200                 205

Leu Ile Asp Trp Leu Val Glu Val Ser Asp Asp Tyr Lys Leu Val Pro
    210                 215                 220

Asp Thr Leu Tyr Leu Thr Val Asn Leu Ile Asp Arg Phe Leu Ser Asn
225                 230                 235                 240

Ser Tyr Ile Glu Arg Gln Arg Leu Gln Leu Leu Gly Val Ser Cys Met
                245                 250                 255

Leu Ile Ala Ser Lys Tyr Glu Glu Leu Ser Ala Pro Gly Val Glu Glu
            260                 265                 270

Phe Cys Phe Ile Thr Ala Asn Thr Tyr Thr Arg Pro Glu Val Leu Ser
        275                 280                 285

Met Glu Ile Gln Ile Leu Asn Phe Val His Phe Arg Leu Ser Val Pro
    290                 295                 300

Thr Thr Lys Thr Phe Leu Arg Arg Phe Ile Lys Ala Ala Gln Ala Ser
305                 310                 315                 320
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Tyr Lys Val Pro Phe Ile Glu Leu Glu Tyr Leu Ala Asn Tyr Leu Ala
                325                 330                 335

Glu Leu Thr Leu Val Glu Tyr Ser Phe Leu Arg Phe Leu Pro Ser Leu
            340                 345                 350

Ile Ala Ala Ser Ala Val Phe Leu Ala Arg Trp Thr Leu Asp Gln Thr
        355                 360                 365

Asp His Pro Trp Asn Pro Thr Leu Gln His Tyr Thr Arg Tyr Glu Val
    370                 375                 380

Ala Glu Leu Lys Asn Thr Val Leu Ala Met Glu Asp Leu Gln Leu Asn
385                 390                 395                 400

Thr Ser Gly Cys Thr Leu Ala Ala Thr Arg Glu Lys Tyr Asn Gln Pro
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Lys Phe Lys Ser Val Ala Lys Leu Thr Ser Pro Lys Arg Val Thr Ser
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Leu Phe Ser Arg
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<211> 654
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<213> Oryza sativa

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ttattgtaaa gttctacaaa gctaatttaa aagttattgc attaacttat ttcatattac    180

aaacaagagt gtcaatggaa caatgaaaac catatgacat actataattt tgtttttatt    240

attgaaatta tataattcaa agagaataaa tccacatagc cgtaaagttc tacatgtggt    300

gcattaccaa aatatatata gcttacaaaa catgacaagc ttagtttgaa aaattgcaat    360

ccttatcaca ttgacacata aagtgagtga tgagtcataa tattattttc tttgctaccc    420

atcatgtata tatgatagcc acaaagttac tttgatgatg atatcaaaga acatttttag    480

gtgcacctaa cagaatatcc aaataatatg actcacttag atcataatag agcatcaagt    540

aaaactaaca ctctaaagca accgatggga aagcatctat aaatagacaa gcacaatgaa    600
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aatcctcatc atccttcacc acaattcaaa tattatagtt gaagcatagt agta 654

<210> 4
<211> 56
<212> DNA
<213> Artificial sequence

<220>
<223> primer PRM582

<400> 4
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<210> 5
<211> 52
<212> DNA
<213> Artificial sequence

<220>
<223> primer PRM583

<400> 5
ggggaccact ttgtacaaga aagctgggtg cttggtgtca tcttgagaat ag 52

<210> 6
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<213> Unknown

<220>
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<221> misc_feature
<222> 3
<223> Xaa at position 3 may be Val or Ile

<220>
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<220>
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<220>
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<220>
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<222> 10
<223> Xaa at positon 10 may be Lys, Arg or Thr

<400> 6

Trp Leu Xaa Glu Val Xaa Xaa Xaa Tyr Xaa Leu
1 5 10

<210> 7
<211> 15
<212> PRT
<213> Unknown

<220>
<223> motif 2, found in cyclin A2 proteins

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<222> 5
<223> Xaa at position 5 may be Val, Ile, Thr or Met

<220>
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<223> Xaa at position 6 may be Asp, Glu or Met

<220>
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<223> Xaa at position 8 may be Thr, Ser, His, Pro or Gly

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<223> Xaa at position 10 may be Arg or Leu

<220>
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<223> Xaa at position 11 may be Leu, Arg, Lys or Asn

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Glu Leu Thr Leu Xaa Xaa Tyr Xaa Phe Xaa Xaa Phe Leu Pro Ser
1 5 10 15

<210> 8
<211> 15
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<400> 8

Trp Leu Val Glu Val Ser Glu Glu Tyr Lys Leu Val Ser Asp Thr
1 5 10 15

<210> 9
<211> 15
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<400> 9

Trp Leu Val Glu Val Ser Asp Asp Tyr Lys Leu Val Pro Asp Thr
1   5   10   15

<210> 10
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<212> PRT
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<400> 10

Trp Leu Val Glu Val Ser Glu Glu Tyr Thr Leu Ala Ser Asp Thr
1   5   10   15

<210> 11
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<400> 11

Trp Leu Val Glu Val Ser Glu Glu Tyr Thr Leu Val Pro Asp Thr
1   5   10   15

<210> 12
<211> 15
<212> PRT
<213> Oryza sativa

<400> 12

Trp Leu Val Glu Val Ser Glu Glu Tyr Lys Leu Val Pro Asp Thr
1   5   10   15

<210> 13
<211> 15
<212> PRT
<213> Medicago

<400> 13

Trp Leu Val Glu Val Ser Glu Gly Tyr Lys Leu Gln Ala Asn Thr
1   5   10   15

<210> 14
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<213> Nicotiana tabacum

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1 5 10 15

<210> 15
<211> 15
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Trp Leu Ile Glu Val Ser Glu Glu Tyr Arg Leu Val Pro Glu Thr
1 5 10 15

<210> 16
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<400> 17

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1 5 10 15

<210> 18
<211> 15
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<400> 18

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1 5 10 15

<210> 19
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<212> PRT
<213> Arabidopsis thaliana

<400> 19

Trp Leu Ile Asp Val His Val Arg Phe Glu Leu Asn Pro Glu Thr
1 5 10 15

<210> 20
<211> 15

<212> PRT
<213> Arabidopsis thaliana

<400> 20

Glu Leu Thr Leu Thr Glu Tyr Thr Phe Arg Leu Phe Leu Pro Ser
1   5   10   15

<210> 21
<211> 15
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<213> Arabidopsis thaliana

<400> 21

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1   5   10   15

<210> 22
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<213> Arabidopsis thaliana

<400> 22

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<210> 23
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<213> Arabidopsis thaliana

<400> 23

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1   5   10   15

<210> 24
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<213> Oryza sativa

<400> 24

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1   5   10   15

<210> 25
<211> 15
<212> PRT
<213> Medicago

<400> 25

Glu Leu Thr Leu Met Asn Tyr Gly Phe Leu Asn Phe Leu Pro Ser

1 5 10 15

<210> 26
<211> 15
<212> PRT
<213> Nicotiana tabacum

<400> 26

Glu Leu Thr Leu Val Asp Tyr Gly Phe Leu Lys Phe Leu Pro Ser
1 5 10 15

<210> 27
<211> 15
<212> PRT
<213> Arabidopsis thaliana

<400> 27

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1 5 10 15

<210> 28
<211> 15
<212> PRT
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<400> 28

Glu Leu Ser Leu Leu Asp Tyr Ala Met Leu Arg Tyr Ala Pro Ser
1 5 10 15

<210> 29
<211> 15
<212> PRT
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<400> 29

Glu Leu Ser Met Leu Asp Tyr Gln Ser Val Lys Phe Leu Pro Ser
1 5 10 15

<210> 30
<211> 15
<212> PRT
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<210> 31

<211> 16
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<400> 31

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1 5 10 15